

ORIGINATING SERVER AND CACHING PROXY SERVER(CP)
NEGOTIATE, THROUGH REAL-TIME STREAMING PROTOCOL
(RSTP) FOR SERVER TO SEND AND CP SERVER TO RECEIVE
STREAMING MEDIA DATA (FOR EXAMPLE: QUICKTIME
STREAMING AUDIO DATA).

CP SERVER RECEIVES STREAMING MEDIA DATA, USING REAL TIME TRANSFER PROTOCOL (RTP), IN STREAMING MEDIA FORMAT NOT THE SAME FORMAT AS STORED ON ORIGINATING SERVER AND CP SERVER STORES THE STREAMING MEDIA DATA, IN THE STREAMING MEDIA FORMAT, ON A STORAGE DEVICE CONTROLLED BY THE CP SERVER.

CP SERVER RECEIVES REQUEST, THROUGH RSTP, FROM A CLIENT FOR THE STREAMING DEDIA DATA AND RETRIEVES THE DATA FROM THE STORAGE DEVICE AND TRANSMITS THE STREAMING MEDIA DATA TO THE CLIENT SYSTEM.

FIG. 1A (Prior Art)

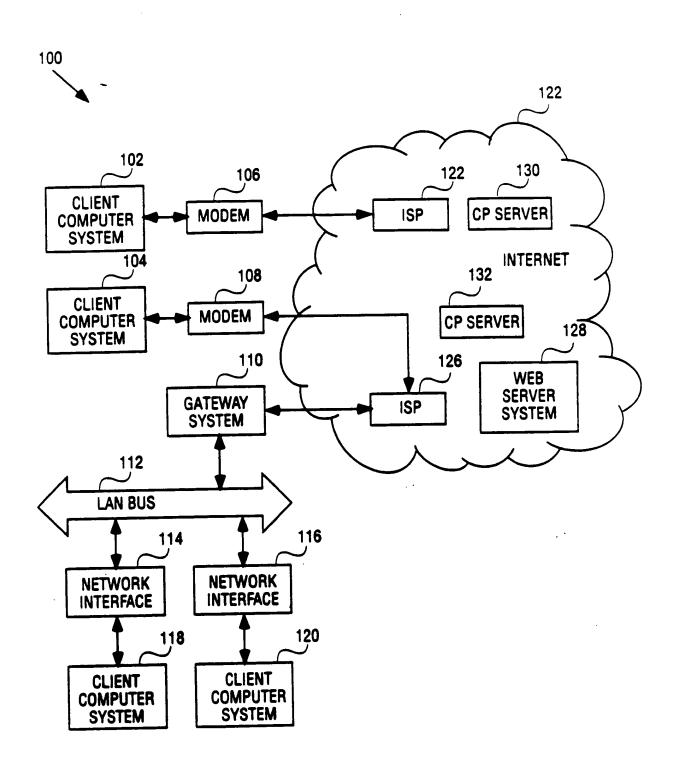


FIG. 1B

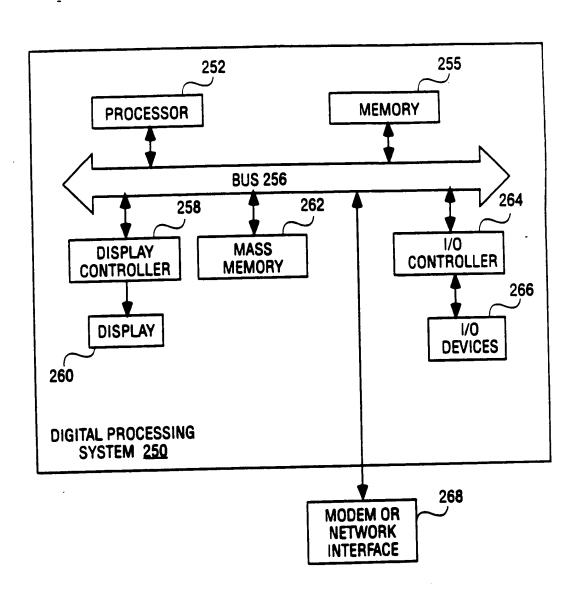


FIG. 2

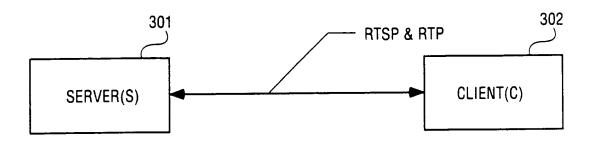
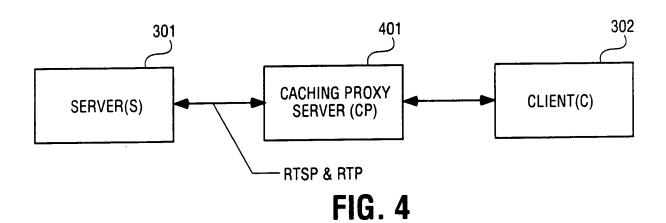


FIG. 3



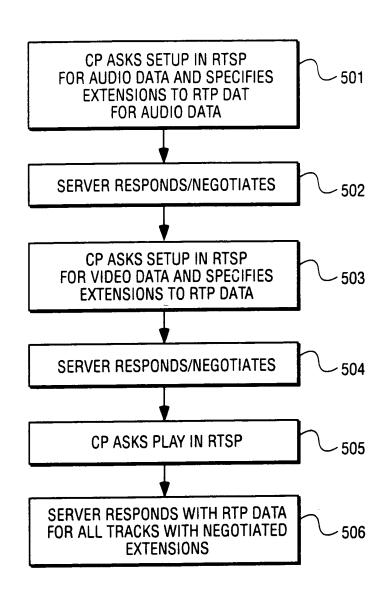


FIG. 5

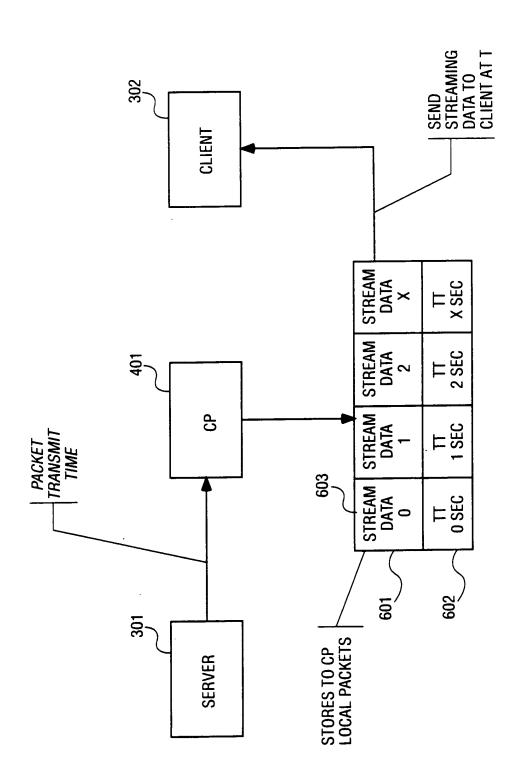


FIG. 6

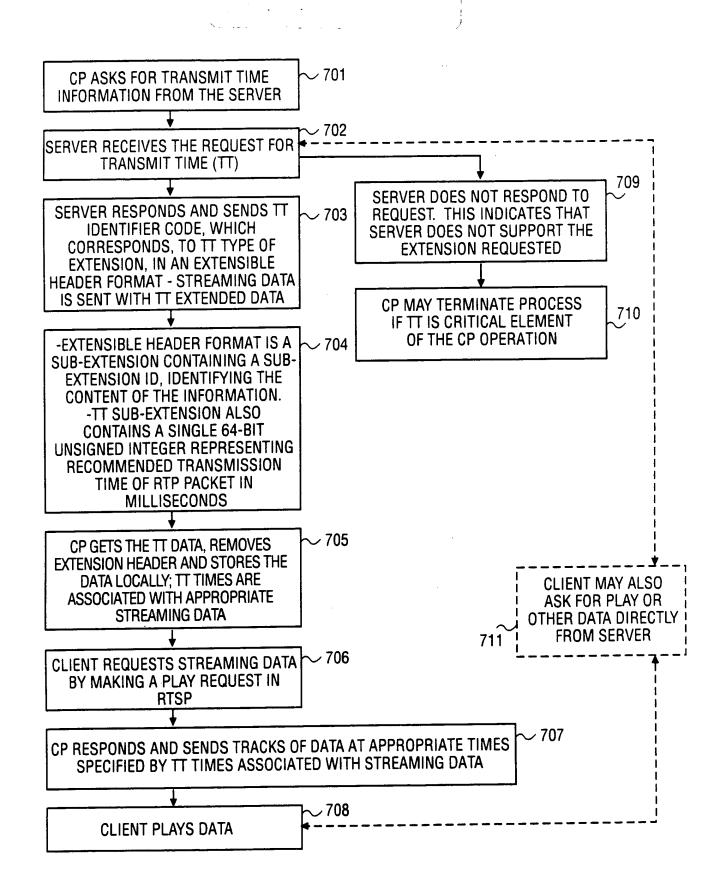


FIG. 7

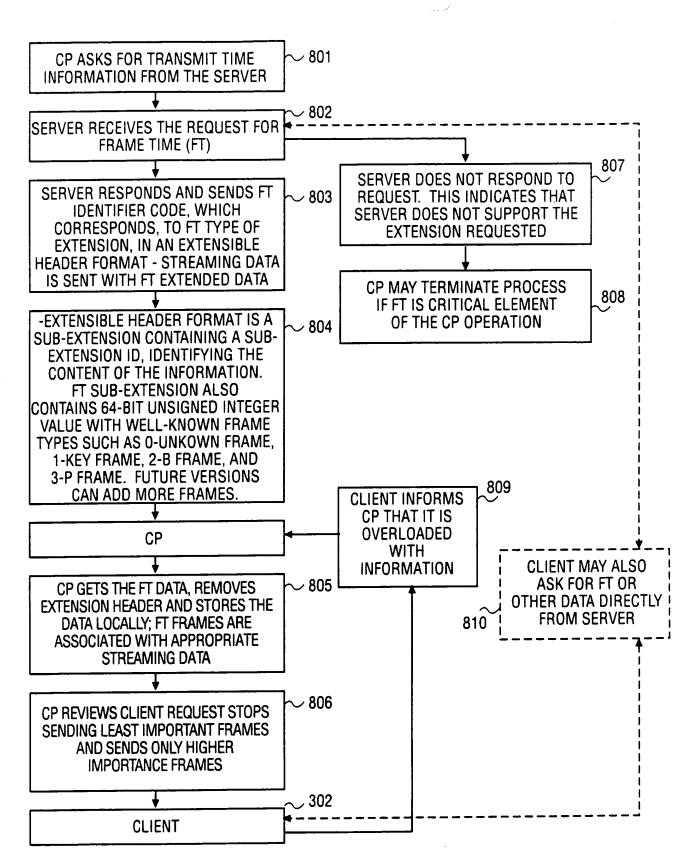
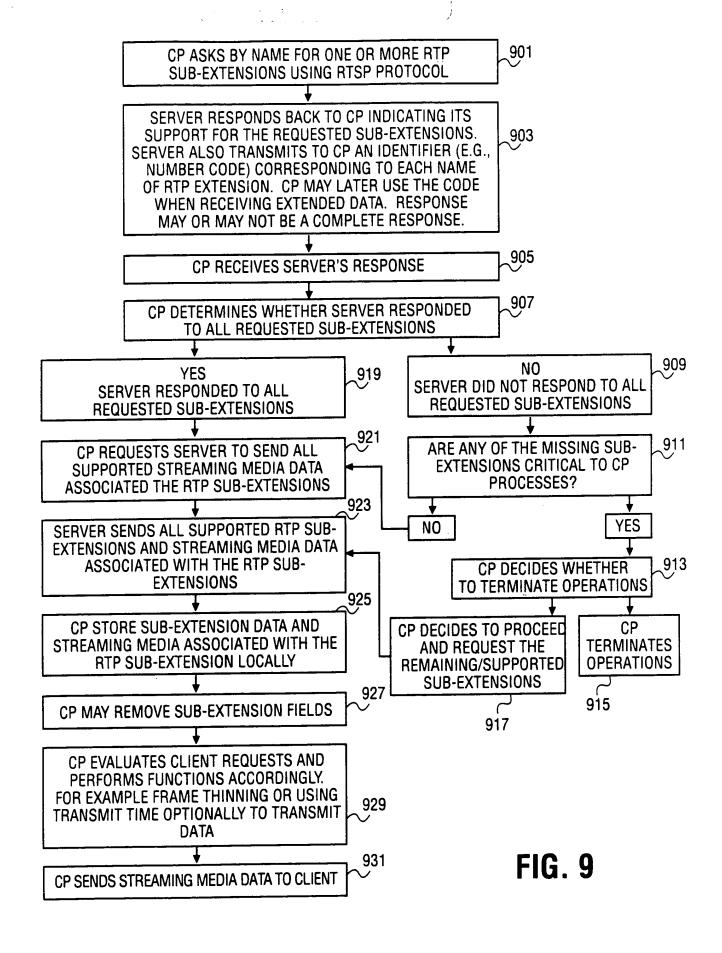
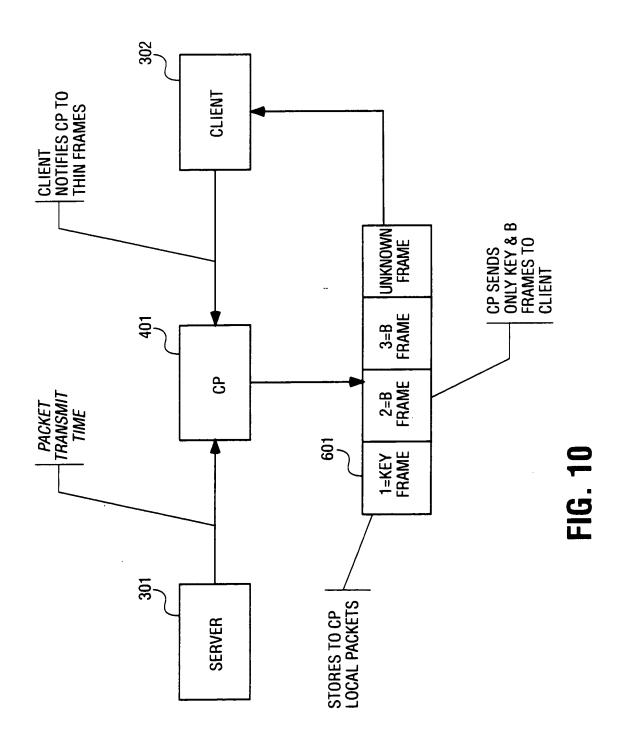


FIG. 8





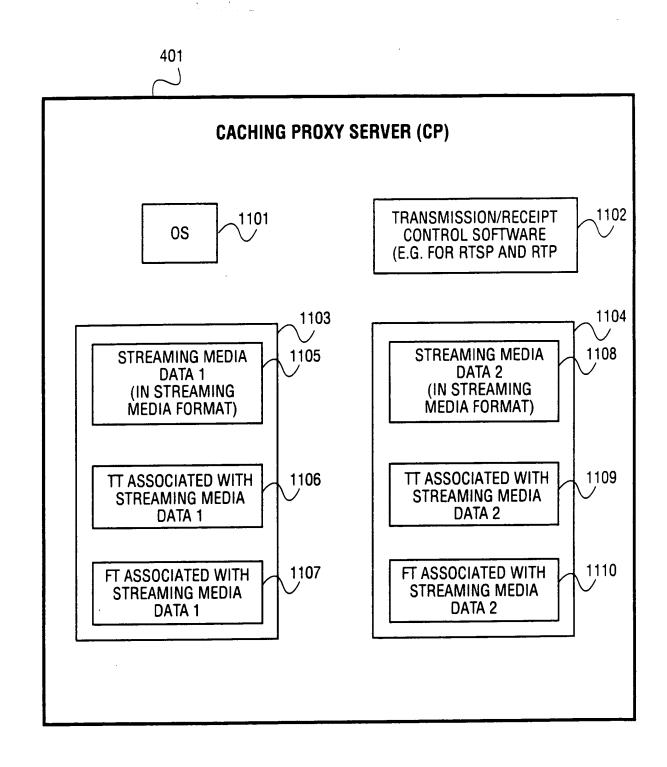


FIG. 11

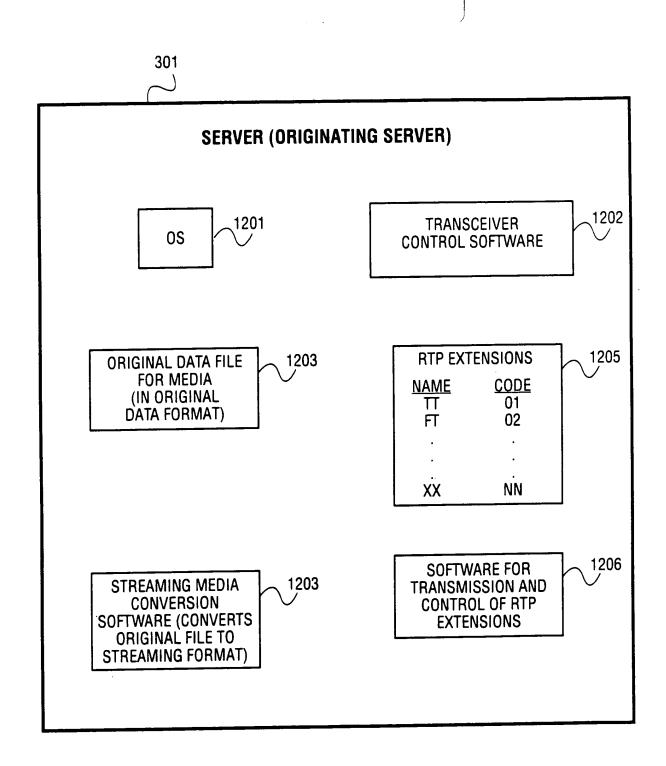


FIG. 12

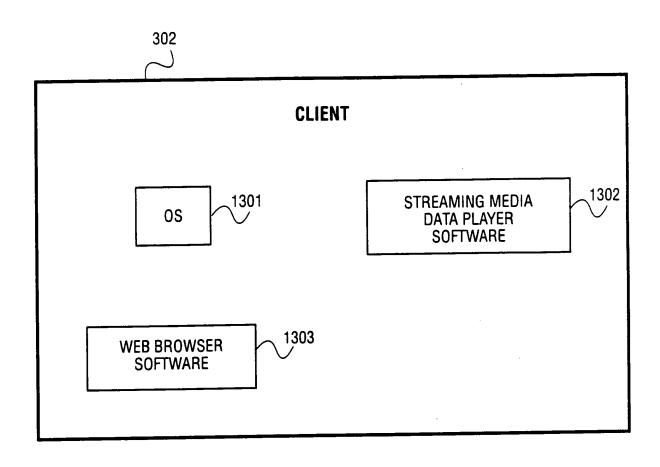


FIG. 13

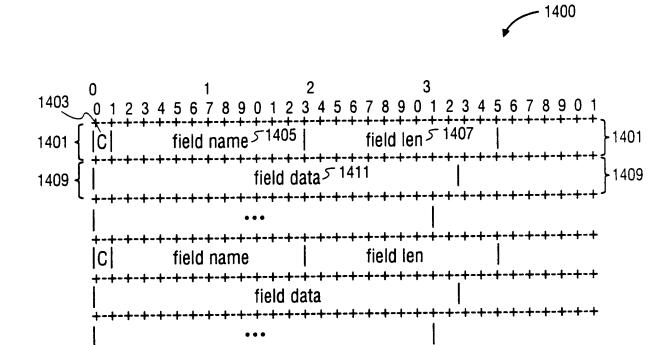
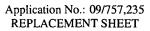


FIG. 14A



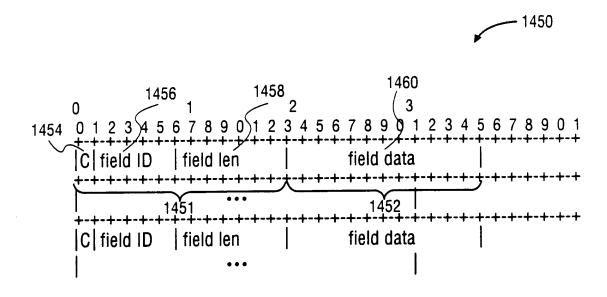


FIG. 14B

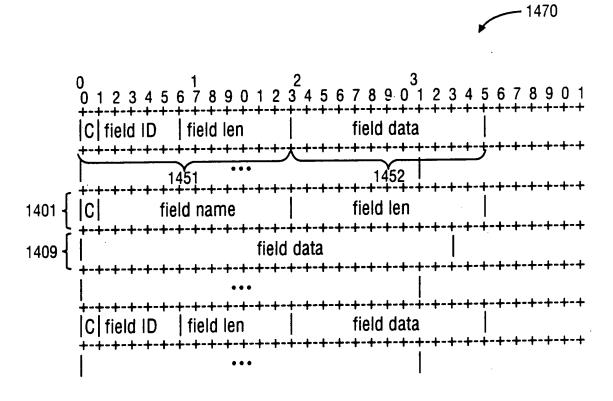


FIG. 14C